64 THE INFINITE LOOP 128

HAPPY ONE YEAR ANNIVERSERY

MARCH 2004
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THE INFINITE L∞P

Editor-in-Chief Earl Williams

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Submissions should be made to the editor by mail at P.O. Box 746, Grand Junction, CO 81502 or by e-mail to earlw@earl-ydesigns.com. Editor accepts unsolicited editorial manuscripts and photographs, original commodore-related manuscripts and programs, but cannot be responsible for their return. If submission is accompanied by a stamped, self-addressed envelope we will make every effort to return it safely. Letters, faxes, and e-mails to the editor become the property

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Editor-in-Chief

March 2004

YES, that's right - one year! We walked across the one year mark barely but we made it. That also means that several of you will be renewing your subscription. Thanks for your support.

As I read other publication's pages and their selling points, I've become aware that this publication's number of pages and size is "pathetic". Well, maybe so but It is hard to stay up-to-date and remain totally Commodore related. Like I said last time; I'm only one man - like Regis. If you feel that other publications are really fulfilling the niche I would like you to let me know so all of us can support those publications. I believe in free enterprise because it ultimately makes a product better because of the competition. However, in a small market or very very small market, few are going to survive and I think in our community we need to put our efforts into the best and most efficient methods etc. etc. Do you agree or disagree?

It's good to hear more from Maurice. More news is flowing in from the Commodore One group and the upcoming LUCKI EXPO which, I think, is going to be a big one. My tickets are purchased and a hotel room booked. I'll be there.

Happy Commodoring!!

CMD PRODUCTS

Randall Gets Feedback on WCopy+ Upgrade

Maurice,

It looks _very_ good so far. I was pleasently surprised to see that I could copy from an IBM 360K formatted 5 1/4" disk to a Commodore disk with my 1571.

I tried to copy from a IBM 5 1/4" to an IBM 5 1/4" with two 1571's. Drive 8 wouldn't recognize the IBM disks. (yes, I swapped a few disks and checked both drives.) I am not certain what you intended with WCOPY+. Is it supposed to be able to copy IBM <--> IBM? I didn't get to try 720K and 1.44M IBM <--> IBM. I'll give that a try tommorrow. I guess it's also possible that drive #8 was having a problem..... Hmmmmmm, I try that again tommorrow.

Oh.... a cosmetic thingy..... When you do a directory of the IBM disk, it isn't using the long filename format, so WCOPYPLUS.PRG is WCOPYPL_.PRG. (i think that's right....or it's something simliar to my example.) Did you want it to use the 8.3 format instead of long filenames?

What about reading a CD-ROM drive? (i know. that one is asking a bit much.) What about reading disk images such as .D64 files?

If you are willing, making it read MS-DOS sub-directories is a good idea. In truth, this is the only part that is missing that would make it the perfect Commodore file copier.

I didn't get to work with it very much tonight so I'll look at it again tommorrow. Maybe I can figure out the 1571 problem.

--Ray.

Hi Ray,

Thanks for the feedback on WCOPY+.

I tried to copy from a IBM 5 1/

4" to an IBM 5 1/4" with two 1571's. Drive 8 wouldn't recognize the IBM disks. (yes, I swapped a few disks and

If one of those was an internal 1571 in a 128DCR, that's the problem. WCOPY+ won't work with IBM formatted disks in the 1571D. It only works with extenal 1571's.

Oh....a cosmetic thingy..... When you do a directory of the IBM disk, it isn't using the long filename format, so WCOPYPLUS.PRG is WCOPYPL_.PRG. (i think that's right....or it's something simliar to my example.)

Well, not sure what you did, but I just tried to duplicate your example. I copied a file called WCOPYPLUS.PRG to an MS-DOS disk and it came out fine. When viewing the directory, it shows both the 8.3 name and the long Windows filename. In the file requestor, it shows the long name.

What about reading a CD-ROM drive? (i know. that one is asking a bit much.) What about reading disk images such as .D64 files?

Now, now.

If you are willing, making it read MS-DOS sub-directories is a good idea. In truth, this is the only part that is missing that would make it the perfect Commodore file copier.

Yeah I know. I'm going to try to implement this within the next few days.

The CMD Utilities disk is now available for ordering through my online store...

There will also be a page on the cmdrkey.com site where you can download a free stripped-down version of WCOPY... You'll find a link on the main page at cmdrkey.com when it's ready.

Included on the disk:
FCOPY+
An upgraded version of the classic FCOPY program.

continued on page 20

How to E-mail Digital Photos Options Abound: Learn the Advantages and Disadvantages of Each

By Charlotte K. Lowrie

If you're like many people, one of the reasons you bought a digital camera was to be able to quickly send your digital snapshots to family and friends. And like most people, you may have learned that sending photos in e-mail messages may or may not be as easy as attaching the image file to an e-mail message.

Typically, there are two problems. First, if you e-mail an image taken at normal resolution settings, the file size often exceeds the maximum that your e-mail service allows you to send. Second, if you do manage to send the file, the picture is too large to see on the recipient's computer monitor.

For example, a 4-megapixel camera that is set to the highest resolution creates an image that measures 2272 x 1704 pixels. Since an average computer monitor displays 800 x 600 pixels or 1024 x 768 pixels, it's easy to see that the 4-megapixel image is larger than the screen can display. Even at higher screen resolutions of 1280 x 1024, for example, the picture, viewed at full size is still larger than the screen can display.

In addition to screen size, an e-mail image should be a lower resolution than an image you print on a photo printer. An e-mail image can be compressed as a JPEG to reduce file size, while images you print should not be saved using lossy compression formats.

For example, monitors display either 72 or 96 pixels per inch (ppi). By contrast, a picture that you print should be set to 200 to 300 pixels per inch (ppi). Note that PPI and Dot Per Inch (DPI) are different measurements. PPI measures image resolution, and DPI measures printer resolution. While a monitor can display many colors, photo printers can print far fewer colors. You can resize photos for viewing in e-mail in your image-editing program, or have the program do it for you.

As a result, printers must print many more dots per inch than pixels per inch to achieve color accuracy. While the differences between the two measurements can be confusing, remember that lower resolution settings and medium JPEG compression settings are preferable for photos you e-mail because they reduce the file size of the image without noticeably affecting the onscreen quality of

the photo.

To see the entire picture on a computer monitor, the image must be resized so that it fits within or is smaller than the dimensions of the monitor. In addition, the image file size cannot exceed the maximum that the e-mail service allows. To get a properly sized, lower resolution (smaller file size) image, you have several choices. You can use your camera's "small" picture option, or use an online service. Regardless of the option you choose, you'll create a picture that's both a viewable display size and small enough file size for e-mail messages, and you'll avoid filling up the recipient's inbox with 1MB or 2MB image attachments.

So which option should you choose? The answer depends in part on the options your camera offers, and in part on whether you prefer to edit images before you share them with family and friends. Here is a brief rundown of each option.

Have the camera create an e-mail-ready picture

Many digital cameras offer the option of creating a small version of a picture that is sized specifically for sending in e-mail or for posting to a Web site. On most cameras, you can choose from among several different "small picture" sizes ranging from 640 x 480 pixels to 96 x 72 pixels. Small pictures are saved with a high rate of compression, typically at a 1:16 ratio to reduce the file size for use in e-mail messages or on a Web site. It's a good idea to read the manual that came with your camera to learn more about using this option.

To help you find the "small" pictures when images are downloaded to your computer, most cameras use a designation in the file name. For example, the Nikon Coolpix 4300 designates small picture files by adding a "SS" prefix on the file name. To send the small picture in e-mail, you create an e-mail message and insert one or more small picture files as attachments.

When using a typical e-mail reader:

⇒ Create a new e-mail message.
⇒ Click Insert, click File, and then click Browse.
⇒ Navigate to the folder that contains the small picture you want to attach and click the file name you want.
⇒ Click Insert..The file is attached to the e-mail message.
⇒ Type the recipient's e-mail address, the subject, the text of the message.
⇒ Click Send.

The advantages of the small picture option include convenience and time savings. If your camera

takes pictures that don't need image editing on the computer, then using your camera's small-picture option is a convenient and quick way to create images for e-mail messages.

The disadvantage of having the camera create a small picture is that small pictures consume space on the memory card, and, if the card is near capacity, the camera will not be able to create the small picture. You can edit the small picture on the computer just as you would any image file. However, if you edit both the small picture and the original large picture, then the time-saving advantage vanishes. In this case, it makes more sense to save space on the memory card and create a smaller e-mail version after you edit the large picture using your image-editing program.

Use an online service to create an e-mail picture

Subscribers to MSN 8 can include one or more pictures in the body of an e-mail message and can choose from a variety of background styles and colors, add photo captions, emoticons, and WordArt shapes to create colorful and entertaining e-mail photo messages. Because photos are displayed in the body of the message, recipients do not have to open attached image files individually.

The advantage of online photo services include quick and easy-to-use photo editing tools, and automatic sizing for photos you send in e-mail. Because the e-mail version of the image is created "on the fly," you don't have to store the smaller version pictures on your computer's hard drive.

Many image-editing programs offer the option of creating an e-mail-ready or Web-ready version of pictures. Look on the File menu for a command to attach pictures to e-mail or to save for the Web. You can also choose the size you want for the e-mail copy of the picture. In most programs, you can choose from eight sizes ranging from a large view (640 pixels on the longest dimension) to a thumbnail Web size (96 pixels on the longest dimension), or you can specify a custom size. For each option, some programs display the final file size as well as the upload and download times.

Choosing to send e-mail-ready pictures from an image-editing program has the advantage of fitting logically within the image-editing workflow. In addition, the pictures you send have been enhanced so they look their best. The disadvantage of this option is that you miss out on the instant gratification of sharing a picture straight from the camera. Think of it, however, as an opportunity to practice patience.

Protecting Email Addresses On Your Site

By Maria Marsala

Did you know that there are software programs that view web sites and steal email addresses? It's called "harvesting" because they're harvesting your email address from your site. This may be one of the reasons your web site email address is receiving more sp^am than wanted email.

When I first started teaching web design classes, I strongly suggested that students place their email address on each page - it makes your site a bit more "trustable." But it turns out this is just leaving you wide open to harvesting.
So now, what I suggest are links on each page directed to a single contact information page, where your email address is encrypted. If the sp^ammers end up figuring out the encryption, it's still easier for you to change one page worth of information vs. many pages of information. Encrypting your email address makes the gathering process a little more difficult while it provides that legitimate email get through to you.

If you find that one encryption program has stopped working, see if the provider updated the code you were using (many provide regular updates) or change to another service.

Do you have PayPal payment or shopping cart links on your site? Up until about a month ago, the old PayPal coding included your email address. If you haven't upgraded recently, update your PayPal links to include the encrypted code they provide, too. Changing that code stopped quite a bit of unwanted email from reaching me.

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Here are some helpful encryption program resources:

http://www.hiveware.com/enkoder_form.php (used this one for about 2 years now)

http://www.robertgraham.com/tools/mailtoencoder.html

http://natata.hn3.net/antispam_encoder.htm

http://www.tucows.com/preview/266685.html

http://innerpeace.org/escrambler.shtml

Encryption programs - A VERY good thing to use and monitor on your web site.

About the Author:
©2003 Maria Marsala. I help business owners make and keep more of their hard earned money. Join "Elevating You" ezine and request a complimentary consultation at http://coachmaria.com/consultation.

Homestead

Spring Expo 2004

LUCKY Commodore Spring Expo 2004 May 29, 2004
New Albany, Indiana
Just across the Ohio River from Louisville, KY USA

General Expo Information

For the last three years, the LUCKI Club has sponsored the Spring Commodore EXPO during the Memorial Day weekend in May. 2004 is no exception!!! In fact, this year's Spring Commodore EXPO 2004 promises to be our best ever.

Now don't get me wrong. I am not trying to say we are better than Chicago. Each Expo...spring and fall...has a special magic of its own. Nothing here on the Ohio River challenges the Windy City as a backdrop. However, what we offer here further down South is the luxury of time!

The **official Expo** will be held on Saturday, May 29, from 9:00 am to 5:00 pm. But we also want to invite you to enjoy the entire weekend with us. Therefore, we also offer an **extended Expo** which runs from 7:00 Friday evening (May 28) to 5:00 Sunday afternoon (May 30). You get forty-six hours of Commodore-crammed activity!! More fun and fellowship with 8-bit friends than you can imagine!

Just as the Chicago Expo is never actually held in Chicago, the LUCKI Spring Expo, which is held in the Louisville KY area, is never actually in Louisville!

The LUCKI Expo 2004 will be at the Holiday Inn Express located at 411 W. Spring Street in New Albany IN, just a stone's throw across the river from Louisville KY. If you want to fly into the Louisville Airport, the LUCKI Club can offer you transportation from the airport to the Expo. (Sorry, there is no shuttle service, so be sure to make arrangements in advance.)

Although the EXPO begins Saturday morning, May 29th, at 9 o'clock, we are encouraging everyone to come early and make

a weekend of it! On Friday evening (May 28), our club is sponsoring a Hospitality Night. You can enjoy an evening of food, drinks, and time to catch up with wonderful Commodore friends before the Expo. Those who come early may also set up their demos and displays the evening before the Expo. (The rooms will be locked overnight for safety.)

Events, Demonstrations and Speakers

Who's comming, you ask? We have commitments from Jim Butterfield, Jeri Ellsworth, Maurice Randall, Bruce Thomas, Greg Nacu, and Todd Elliott...to name a few. We have "nailed down" demonstrations on C-programming in WiNGs and a new advanced geoPublish application. And we have plans for so much more!!

Be sure to check the Past Expo's page to see the events that have taken place during previous Expos.

Local tourist sites are also nearby, such as:

* Churchill Downs (Museum will be open on Sunday Noon to 5pm)
* The Louisville Zoo - open from 10am to 6pm
* The Glory of Rome (Caesar's Casino Steamboat, open 25-7)
* The Louisville Slugger Museum (Featuring the world's largest wooden bat!)

We know not everyone can make it, but we hope each "user group" will try to send at least one representative. This is, after all, the best opportunity we have to meet and share with many of those who make this community so terrific!

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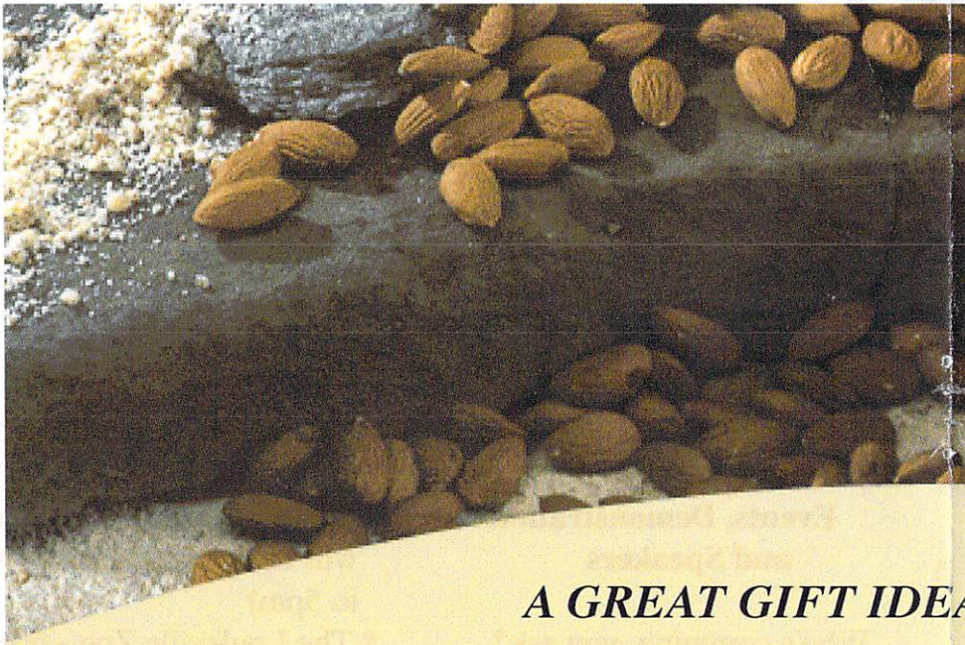

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A YEAR OF MEMORIES

This is how it started... three Commodore Bums from western Colorado!

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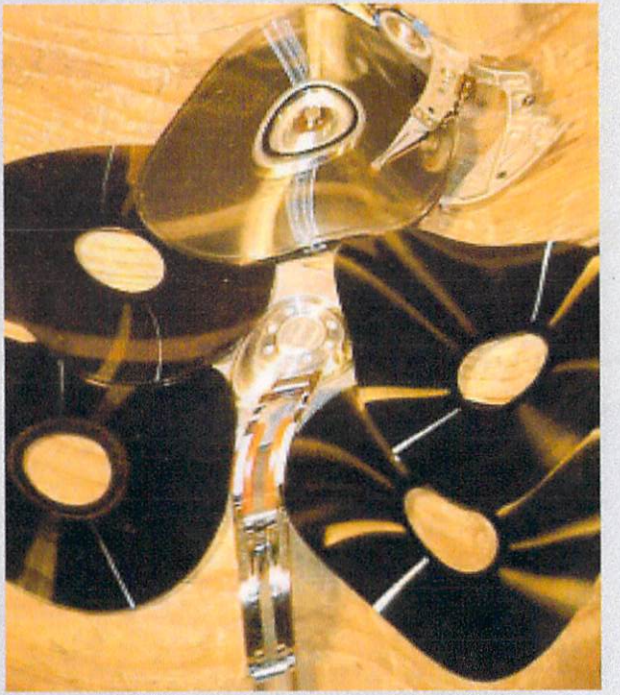
MAY

JUNE



This is a nic e e xample of using a digital camera' s built-in too ls

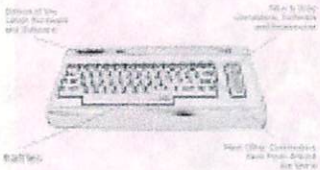
July

August Cover

SWRAP Presents...

Fall Commodore Expo

2003



October 11, 2003
9:00AM - 7:30PM

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Admission is only **$10** per family

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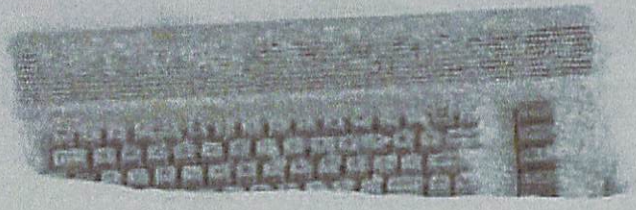
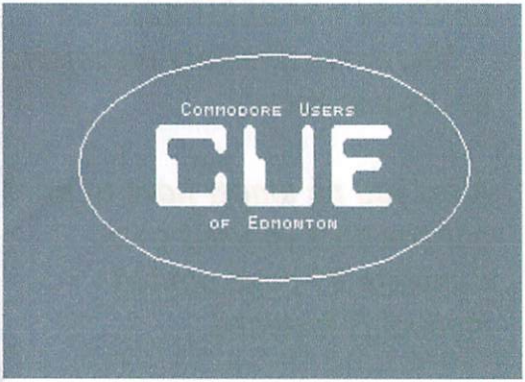
October

November

December





C.U.E.
Commodore Users of Edmonton
Commodore User Group
#00323

This file updated March 9, 2004 by Bruce Thomas.

NEW!

March 9, 2004

An Advanced geoPublish Tutorial (see the link below for the online geoPublish Tutorial series) will take place at the LUCKY Club's Spring Commodore EXPO on May 29 in New Albany, Indiana (across the Ohio River from lovely Louisville, Kentucky). Download the Announcement flyer as a PDF file or view it online in HTML format.

February 6, 2004

geoSpecific CD V1.4 now available - see below

The big changes to this version of the CD are the addition of Dick Estel's entire Font Resource Directory in PDF files plus Randy Winchester's AntiGrav Toolkit web site GEOS Page which contains his articles from geoWorld magazine.

http://edmc.net/cue/geopindex.html

C64AUDIO.COM

BCOPY+

Allows the user to back up any CMD device to an another CMD device or any CBM drive.

MENUETTE 64

Point and click interface allowing the user to navigate his/her CMD system.

MCOPY

Two-drive whole disk copier.

FIND

Find files anywhere on a CMD/ CBM setup.

DIR SORT

Alphabetizies directories.

MCOMPARE

Compares entire disks or partitions.

FOLLOW LINKS

Locates corrupt files.

CONVERT 41<>71

Converts disks between single and double-sided modes.

FOREIGN CREATOR

Makes large foreign partitions on the CMD HD.

ZAP REU & ZAP DACC

Examines and clears REU or RAMLink/RAMDrive memory.

HD POWER TOOLS

Direct editing of the CMD HD's partition tables.

REBUILD PDIR

Helps recover lost partitions.

DEDIT 64 and DEDIT 128

Shareware directory organizers by Jerome Yoner

Also, you no longer have to print out the docs yourself as a complete 99-page printed manual is included.

Also, anyone who purchased CMD Utilities from me since August 2001 will get a free upgrade.

This includes the new WCOPY+ program which can copy files to/ from IBM-formatted disks and supports the Windows long-filename format. This helps to preserve your Commodore filenames when going back and forth between systems.

PostPrint Users

Send me an email so I can rebuild the PostPrint mailing list and get everybody on it again who was

getting the PostPrint updates in the past. Let me know if you want PostPrint 2, or PostPrint 3, or both. Remember, the only difference is PP3 requires a SuperCPU with SuperRAM. They both still contain the same exact features except PP3 has the SUPERTEXT utility.

PostPrint will be emailed in .zip format only and no Wraptor format. Everyone should have Todd Elliott's unzip utility that runs in Wheels by now.

It's been awhile since the last PostPrint update which was version B3.9. A new one will be coming soon and will be B4.0.

B3.9 had a problem with accurately positioning EPS images in layout mode and that's fixed now.

We can now print ALL pages, or just ODD or EVEN pages now when printing a PostPrint layout project, a geoWrite file, or a geoPublish file.

Booklet mode now allows selecting a range of pages including the odd and even selections.

Another plus is we can choose to print in the forward order or reverse order now. A combination of the right odd or even and forward or reverse selections will allow you to print double sided documents more easily. This also works in booklet mode. Booklet mode was previously geared for only certain printers that started with pages face up in the input tray and came out face down in the output tray.

The included "PostPrint News" will detail how to take advantage of the new page selections.

And to top it off, there is a new surprise feature that I can't mention yet, but I know you'll all like it.

-Maurice

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HOPE HEALTH

TIP OF THE WEEK

A change in routine can lighten job stress

A simple change in routine may help release the pressure in your workday. If you usually begin the day with important paperwork, switch to telephone calls or e-mails in the morning. Another way to invigorate your burnt-out psyche is to find your lowest priority work and do it quickl -- or better yet -- delegate it to someone else to do, if possible.

Switching your lunch hour to either an hour earlier or an hour later can also give a new outlook to a hectic day. And for a tried and true stress-buster, get outside and take a 10 or 15 minute walk.

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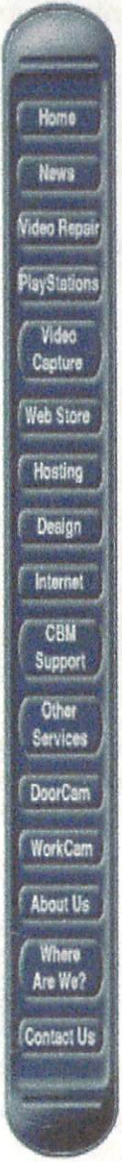

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